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Illinois
Environmental
Protection Agency

Division of Public Water Supplies
2200 Churchill Road
Springfield, Illinois 62706

24532154

Groundwater Quality Protection Program

WAYNESVILLE
FACILITY NUMBER 0390300
WELL SITE SURVEY
REPORT

Division of Public Water Supplies

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GROUNDWATER QUALITY PROTECTION PROGRAM:

WAYNESVILLE
FACILITY NUMBER 0390300
WELL SITE SURVEY
REPORT

Prepared by:

Division of Public Water Supplies

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INTRODUCTION

This report has been prepared by the Agency pursuant to Section 17.1 of the Illinois Environmental Protection Act. The report summarizes information about your facility and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around the well(s) to help increase your awareness of potential hazards to groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

The Village of Waynesville obtains its water from two drift wells. These wells provide an average of 36,000 gallons per day to 220 services. See Table I for a description of each well. The surficial geologic susceptibility rating for both wells is E. The aquifer is overlain by low permeability glacial till. Permeability is a measure of the ability of a soil or sediment to transmit fluids. A complete description and geologic profile is found in the Facility Wells Report (Appendix C).

Table I

	Minimum Setback (ft.)	Maximum Setback (ft.)	Status	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft.)	Treatment	Aquifer	Well Depth (ft.)	Well Logs Available
Well #8 (40005)	200	No	A	50 0.072	12.0	Chl.,Fl., Polyphos.	Sand and Gravel	207	
Well #6 (40006)	200	No	A	40 0.055		Chl.,Fl.	same	162	

A - Active

GROUNDWATER SAMPLING AND MONITORING HISTORY

The Waynesville wells were not sampled as part of the Statewide Groundwater Monitoring Program. Distribution samples, collected by the operator, and analyzed for inorganic chemicals indicate that most parameters are consistent with other sand and gravel aquifers in Illinois (Appendix D).

WELL SITE SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes, and possible problem sites to your water supply wells. The location of potential sources, routes, possible problem sites, water wells minimum setback zones and the 1,000 foot survey area are all displayed on the aerial photographic map.

The first page of each survey consists of a summary description and geologic profile for each well. The second and following pages of the survey inventory units within and bordering a 1,000 foot radius of the wellhead. A unit is defined as any device, mechanism, equipment, or area (exclusive of land utilized only for agricultural production). The Agency 5-digit well number is associated with a unit or map code, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (see Groundwater Primer pages 18-19). The distance and direction of the unit from the wellhead is also indicated.

Survey Results and Findings

The Waynesville well site survey was conducted on February 7, 1991 by Wade Boring from the Agency's Springfield Office. The following describes the results and findings for the Waynesville public water wells.

Waynesville Well #8 (IEPA #40005)

The survey area is mostly rural. The area is a mixture of residential, row crops and commercial. There are five possible problem sites within 1,500 feet of well #8. They are the village garage (map code 1) 50 ft S, farm implement sales (map code 2) 500 ft SW, White's Autobody (map code 3) 580 ft SW, Furmans Sunoco (map code 4) 650 ft SE and bulk fuel storage (map code 5) 1,250 ft SW.

Waynesville Well #6 (IEPA #40006)

The survey area is mostly rural. The area is a mixture of residential, row crops and commercial. There is one potential secondary source and four possible problem sites located within 1,500 feet of well #6. The potential secondary source is Furmans Sunoco (map code 4) 50 ft SE. The possible problem sites are the village garage (map code 1) 600 ft NW, farm implement sales (map code 2) 1,000 ft W, White's Autobody (map code 3) 850 ft WSW and bulk fuel storage (map code 5) 1,400 ft SW.

SUMMARY

The well site survey conducted indicates that there are potential sources/sites that could pose a hazard to groundwater utilized by the Waynesville public water wells.

- One site with below ground fuel storage; Furman's Sunoco.
- Two sites with above ground fuel storage; the Village garage and a bulk fuel storage area.
- Two other sites; farm implement sales and an autobody shop.

The Illinois Environmental Protection Act provides minimum protection zones for your wells. These minimum protection zones are regulated by the IEPA. The Act also authorizes county and municipal officials the opportunity to provide maximum protection zones up to 1,000 feet. The responsibility for the controls would then be assumed by local officials through adoption of a maximum setback zone ordinance.

INTRODUCTION

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FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

The Village of Waynesville obtains its water from two drift wells. These wells provide an average of 36,000 gallons per day to 220 services. See Table I for a description of each well. The surficial geologic susceptibility rating for both wells is E. The aquifer is overlain by low permeability glacial till. Permeability is a measure of the ability of a soil or sediment to transmit fluids. A complete description and geologic profile is found in the Facility Wells Report (Appendix C).

Table I

	Minimum Setback (ft.)	Maximum Setback (ft.)	Status	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft.)	Treatment	Aquifer	Well Depth (ft.)	Well Logs Available
Well #8 (40005)	200	No	A	50 0.072	12.0	Chl.,Fl., Polyphos.	Sand and Gravel	207	
Well #6 (40006)	200	No	A	40 0.055		Chl.,Fl.	same	162	

A - Active

GROUNDWATER SAMPLING AND MONITORING HISTORY

The Waynesville wells were not sampled as part of the Statewide Groundwater Monitoring Program. Distribution samples, collected by the operator, and analyzed for inorganic chemicals indicate that most parameters are consistent with other sand and gravel aquifers in Illinois (Appendix D).

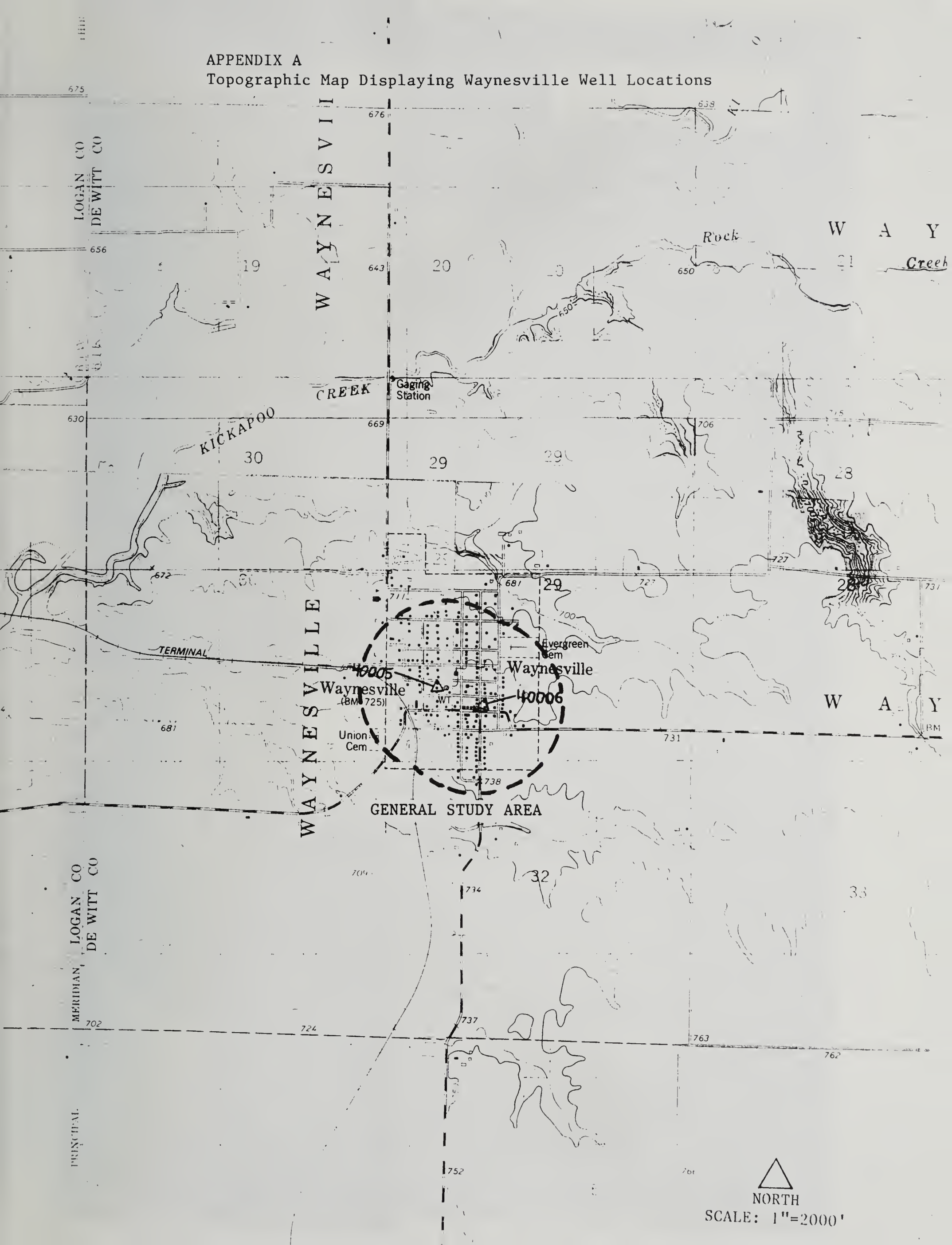
WELL SITE SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes, and possible problem sites to your water supply wells. The location of potential sources, routes, possible problem sites, water wells minimum setback zones and the 1,000 foot survey area are all displayed on the aerial photographic map.

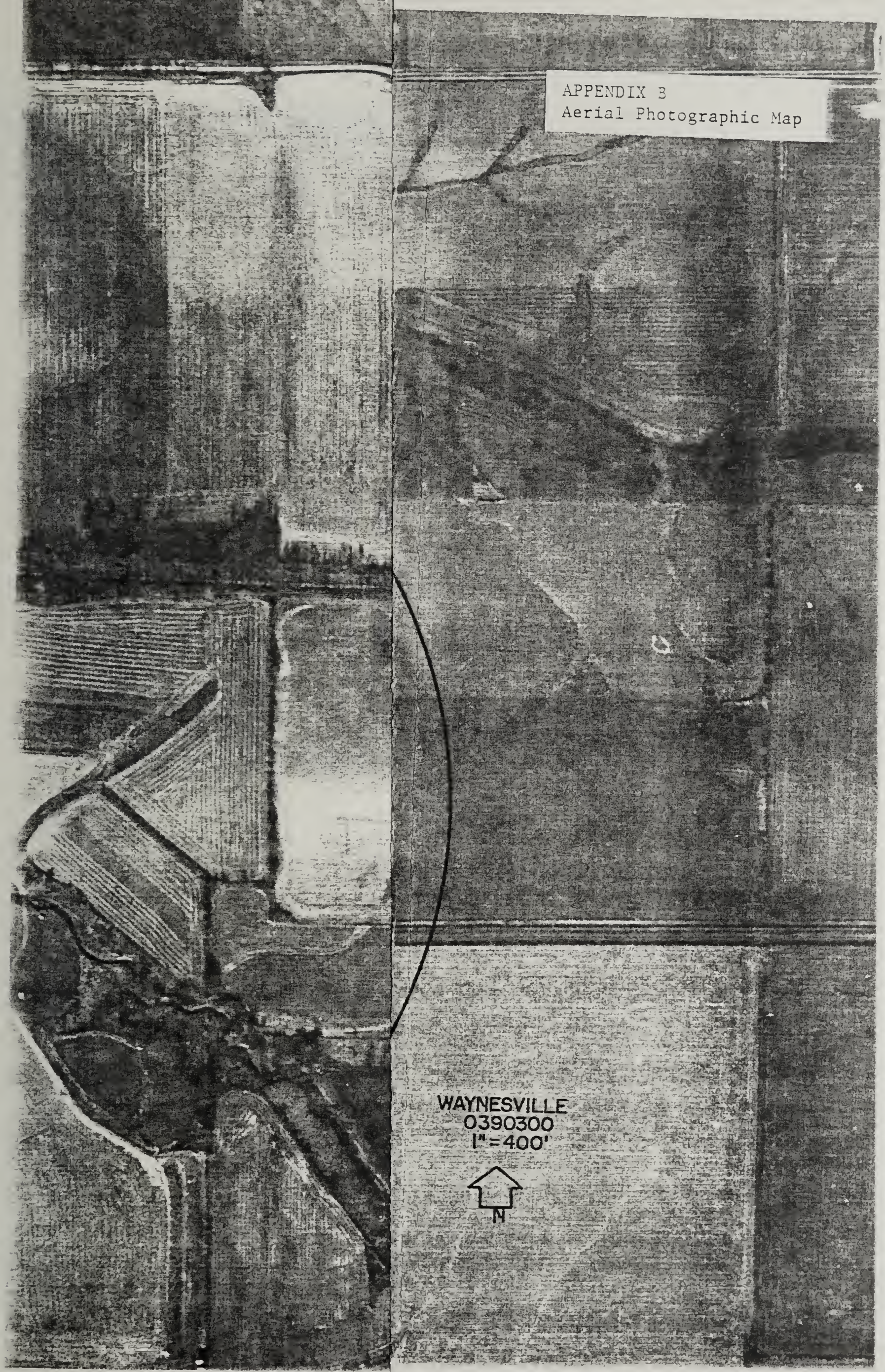
TECHNICAL APPENDICES

APPENDIX A

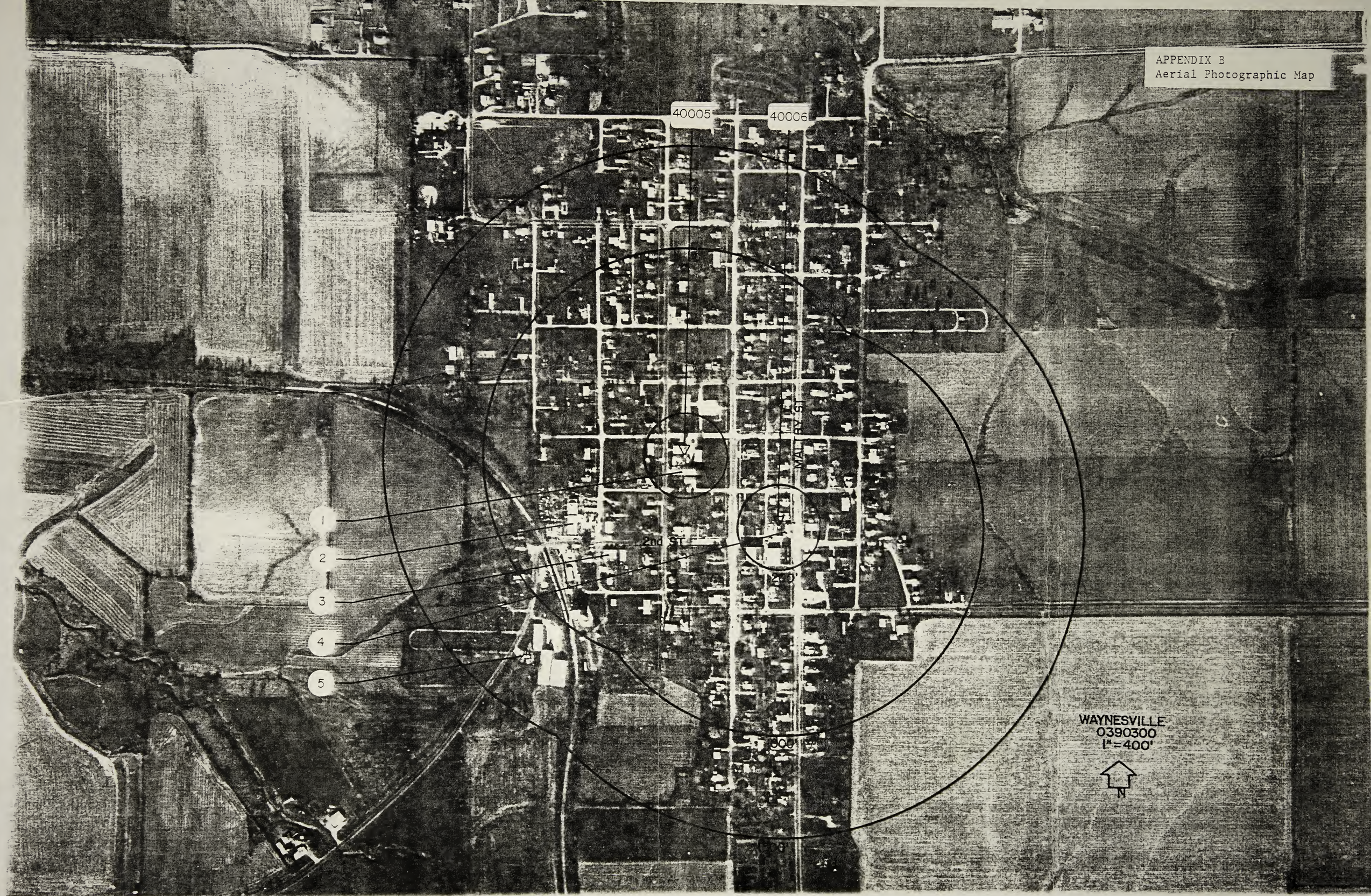
Topographic Map Displaying Waynesville Well Locations



APPENDIX B
Aerial Photographic Map



APPENDIX B
Aerial Photographic Map



APPENDIX: B1 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Waynesville Well #8 (IEPA #40005)

SURVEYOR: W. Boring
SURVEY DATE: 2/7/91

ADDRESS:
Village Hall
Waynesville, IL 61778

AGENCY WELL NO: 40005
WELL NAME & DESC.: Well 8
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0390300 - Waynesville
FAC. PHONE NUMBER:
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
21N,1E,29,6A
DISTANCE FROM CORNER: 660N,1070E
QUAD SHEET CODE & NAME: 143
MIN. SETBACK: 200 ft
MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey till
AGE OF WELL (DATE WELL CONSTRUCTION): 1986
WELL DEPTH: 207 ft
AQUIFER CODE: 0909 - sand and gravel aquifer
MULTIPLE AQUIFER (Y, N): No
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly rural. The area is a mixture of residential, row crops and commercial.
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS Waynesville Well #8 (IEPA #40005)

Classification (CLASSF*) KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE	OR = POTENTIAL ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 40005-01
NAME & ADDRESS OF UNIT OWNER: Village of Waynesville, Village Hall, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: village garage, small above ground fuel tank
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 50 ft S

WELL NO. - MAP CODE - CLASSF*: 40005-02
NAME & ADDRESS OF UNIT OWNER: unknown, W 2nd St, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: farm implement sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 500 ft SW

WELL NO. - MAP CODE - CLASSF*: 40005-03
NAME & ADDRESS OF UNIT OWNER: White's Autobody, W 2nd St, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: auto repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 580 ft SW

WELL NO. - MAP CODE - CLASSF*: 40005-04-OS
NAME & ADDRESS OF UNIT OWNER: Furmans Sunoco, 2nd and Maltby, Waynesville, IL 61778 217/949-2511
DESCRIPTION AND COMMENTS: service station w/below ground fuel storage in excess of 500 gallons, ISFM #4-009645
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 650 ft SE

WELL NO. - MAP CODE - CLASSF*: 40005-05-
NAME & ADDRESS OF UNIT OWNER: unknown, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: above ground bulk fuel storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1250 ft SW

APPENDIX: B2 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Waynesville Well #6 (IEPA #40006)

SURVEYOR: W. Boring
SURVEY DATE: 2/7/91

ADDRESS:
Village Hall
Waynesville, IL 61778

AGENCY WELL NO: 40006
WELL NAME & DESC.: Well 6
TREATMENT APPLICATION POINT: 02
FACILITY NO. & NAME: 0390300 - Waynesville
FAC. PHONE NUMBER:
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
21N,1E,29,6A
DISTANCE FROM CORNER: 370N,1570E
QUAD SHEET CODE & NAME: 143
MIN. SETBACK: 200 ft
MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: E - low permeability silty/clayey till
AGE OF WELL (DATE WELL CONSTRUCTION): 1957
WELL DEPTH: 162 ft
AQUIFER CODE: 0909 - sand and gravel aquifer
MULTIPLE AQUIFER (Y, N): No
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The survey area is mostly rural. The area is a mixture of residential, row crops and commercial.
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS Waynesville Well #6 (IEPA #40006)

Classification (CLASSF*) KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE	OR = POTENTIAL ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 40006-01
NAME & ADDRESS OF UNIT OWNER: Village of Waynesville, Village Hall, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: village garage, small above ground fuel tank
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 600 ft NW

WELL NO. - MAP CODE - CLASSF*: 40006-02
NAME & ADDRESS OF UNIT OWNER: unknown, W 2nd St, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: farm implement sales
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1000 ft W

WELL NO. - MAP CODE - CLASSF*: 40006-03
NAME & ADDRESS OF UNIT OWNER: White's Autobody, W 2nd St, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: auto repair shop
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 850 ft WSW

WELL NO. - MAP CODE - CLASSF*: 40006-04-OS
NAME & ADDRESS OF UNIT OWNER: Furmans Sunoco, 2nd and Maltby, Waynesville, IL 61778 217/949-2511
DESCRIPTION AND COMMENTS: service station w/below ground fuel storage in excess of 500 gallons, ISFM #4-009645
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 50 ft SE

WELL NO. - MAP CODE - CLASSF*: 40006-05-
NAME & ADDRESS OF UNIT OWNER: unknown, Waynesville, IL 61778
DESCRIPTION AND COMMENTS: above ground bulk fuel storage
PRE OR POST (Y,N): Y
DISTANCE AND DIRECTION: 1400 ft SW

APPENDIX C

FACILITY: 0390300 WAYNESVILLE

---------- OWNER ---------- ---------- OFFICIAL CUSTODIAN ----------

LAWRENCE MCGOWAN

MAYOR - VILLAGE HALL

WAYNESVILLE IL 61778

WELL: 40005 WELL 8 NEAR TOWER ,NORTH WELL OF TWO STATUS: ACTIVE DEPTH(FT): 207
LATITUDE: N40 13 15.0 LONGITUDE: W089 07 33.0 TWP: 21N RNG: 01E SEC: 29 PLOT: 6A
SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---

AQUIFERS: QUATERNARY SYSTEM

WELL: 40006 WELL 6 AT THE VILLAGE HALL STATUS: ACTIVE BACKUP DEPTH(FT): 162
LATITUDE: N40 14 22.0 LONGITUDE: W089 07 30.0 TWP: 21N RNG: 01E SEC: 29 PLOT: 6A
SUSCEPTIBILITY - LAND BURIAL: E SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---
AQUIFERS: QUATERNARY SYSTEM

SUSCEPTIBILITY CODES
LAND BURIAL: E = UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 50 FT THICK; NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

LAND SPREADING: D2 = UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 20 FT THICK; NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

APPENDIX D

REPORT: PWGWP048
MODULE: PWGWM026

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

DATE: 03/07/91

FACILITY: 0390300 WAYNESVILLE STATUS: A PUBLIC: Y COMM: Y TYPE WATER: G
TAP: 01 AT WELL 8 NEAR ELEVATED TANK STATUS: A
RAW SRCE: 40005 WELL 8 NEAR TOWER ,NORTH WELL OF TWO STATUS: A

SAMPLE NO: 8035848 LOCATION: WELL #5 COLL DATE: 04/27/83 DELIVERED BY:
SMPL TYPE: RAW COLLECTOR: KENNETH RICH LAB RCVD: 05/09/83 RECEIVED BY:
SMPL PURP: 1-ROUTINE COMMENTS: LAB COMPL: LAB SUPERVISOR:
SMPL PROG: I-GWM INORG OBSRVATNS: SMPL PERIOD: 04/83 FUND CODE:

ANALYSIS ID	RSLT NO	STORET NO	DESCRIPTION	UNITS	RESULT	STANDARDS DRINK WTR	STANDARDS RAW WTR	TRIGGER LEVEL
		00095	CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C		980.000			
		00403	PH LABORATORY UNITS		7.300			
		00410	ALKALINITY,TOTAL MG/L AS CACO3		612.000			
		00610	NITROGEN,AMMONIA TOTAL MG/L AS N		3.300			
		00630	NITRATE & NITRITE TOTAL MG/L AS N		0.100 <	10.000		
		00720	CYANIDE,TOTAL MG/L AS CN		0.005 <	0.200		
		00900	HARDNESS,EDTA MG/L AS CACO3		473.000			
		00916	CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		99.000			
		00927	MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		55.700			
		00929	SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP		51.000			
		00937	POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		2.600			
		00940	CHLORIDE,TOTAL MG/L AS CL		3.000			
		00945	SULFATE,TOTAL MG/L AS SO4		10.000 <			
		00951	FLUORIDE,TOTAL MG/L AS F		0.380	4.000		
		00956	SILICA,TOTAL MG/L AS SIO2		22.000			
		01002	ARSENIC,TOTAR RECOVERABLE UG/L AS AS		19.000	50.000		
		01007	BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP		236.000	1000.000		
		01012	BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP		0.500 <			
		01022	BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP		630.000			
		01027	CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB		3.000 <	10.000		
		01034	CHROMIUM,TOTAL RECOVERABLE UG/L ASCR ANAL BY ICB		5.000 <	50.000		
		01037	COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP		6.000			
		01042	COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP		11.000	5000.000		
		01045	IRON,TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP		2600.000	1000.000*		
		01051	LEAD,TOTAL RECOVERABLE UG/L AS PB		5.000 <	50.000		
		01055	MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP		22.000	150.000		
		01067	NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP		7.000			
		01077	SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP		5.000 <	50.000		
		01082	STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP		590.000			
		01087	VANADIUM,TOTAL RECOVERABLE UG/L ASV ANAL BY ICP		4.000 <			
		01092	ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP		14.000	5000.000		
		01147	SELENIUM,TOTAL RECOVERABLE UG/L ASSE		1.000 <	10.000		
		70300	RESIDUE,TOTAL FILTERABLE @180 C,MG/L		605.000			
		70304	TOTAL DISSOLVED SOLIDS MG/L BY EC		590.000			
		71900	MERCURY,TOTAL UG/L AS HG		10.000 <	2.000*		

APPENDIX E

HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 4 0 0 0 5 - 0 1 - _ _ , Distance and Direction from the Wellhead: 50 feet South

2. Nature of Business: Village Garage w/above ground fuel tank

3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): None

4. DAPC Permit Number(s) and Description: None

5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): None

6. ERU Incidents and Description: None

7. ERU 313 Reports and Description: None

8. ESDA 302/303 Reports and Description: None

9. ESDA 311/312 Reports and Description: None

10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

    Analyses by the Agency's Division of Laboratories indicate 2 parts per billion 1-4 dichlorobenzene.

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name	Address

12. Is the site sewered or non-sewered? Sewered

    If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

    [ ] Yes. If yes, describe:

    [XX] No.

14. Are there currently any on-site piles of special or hazardous waste?

[ ] Yes. If yes, describe:

[XX] No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

[XX] Yes.

[ ] No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

[ ] Yes. If yes, describe:

[XX] No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

[ ] Yes (continue to next question)
[XX] No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

[ ] Yes (continue to next question)
[ ] No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

[ ] Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

[ ] Replacement or major repair of damaged facilities

[ ] Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

[ ] Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

[ ] Reordering or other replenishment of inventory due to the amount of substance lost

[ ] Temporary or more long-term monitoring of groundwater at or near the site

[ ] Stop usage of an on-site or nearby water well because of offensive characteristics of the water

[ ] Coping with fumes from subsurface storm drains or inside basements

[ ] Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site

(d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?

[ ] Yes. If yes, describe:

[XX] No.

19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?

[ ] Yes. If yes, describe:

[XX] No.

20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?

[XX] Yes. If yes, describe: A spill could endanger the well due to its close proximity.

[ ] No.

HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 4 0 0 0 6 - 0 4 - P S , Distance and Direction from the Wellhead: 50 feet Southeast

2. Nature of Business: Furmans Sunoco

3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): None

4. DAPC Permit Number(s) and Description: None

5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): None

6. ERU Incidents and Description: None

7. ERU 313 Reports and Description: None

8. ESDA 302/303 Reports and Description: None

9. ESDA 311/312 Reports and Description: None

10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

    Analyses by the Agency's Division of Laboratories indicate 2 parts per billion 1-4 dichlorobenzene.

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name	Address
Furmans Sunoco Bill Furman	2nd and Maltby, Waynesville, IL

12. Is the site sewered or non-sewered? Sewered

    If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

    [ ] Yes. If yes, describe:

    [XX] No.

14. Are there currently any on-site piles of special or hazardous waste?

[ ] Yes. If yes, describe:

[XX] No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

[XX] Yes.

[ ] No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

[XX] Yes. If yes, describe: Three tanks, two 550 gallon gasoline and one 1,000 gallon gasoline.

[ ] No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

[ ] Yes (continue to next question)
[XX] No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

[ ] Yes (continue to next question)
[ ] No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

[ ] Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

[ ] Replacement or major repair of damaged facilities

[ ] Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

[ ] Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

[ ] Reordering or other replenishment of inventory due to the amount of substance lost

[ ] Temporary or more long-term monitoring of groundwater at or near the site

[ ] Stop usage of an on-site or nearby water well because of offensive characteristics of the water

[ ] Coping with fumes from subsurface storm drains or inside basements

[ ] Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site

(d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?

[ ] Yes. If yes, describe:

[XX] No.

19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?

[ ] Yes. If yes, describe:

[XX] No.

20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?

[XX] Yes. If yes, describe: Any below ground fuel tank in close proximity to a water well is a potential hazard.

[ ] No.

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